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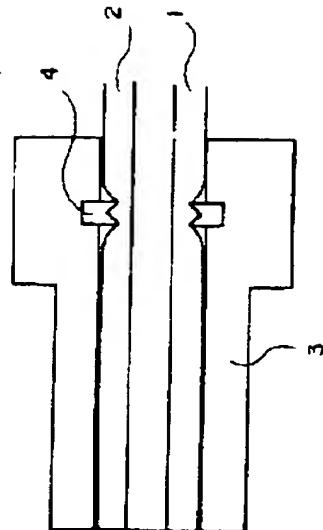
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APPLICANT : ASAHI CHEM IND CO LTD;

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TITLE : PLASTIC OPTICAL FIBER CORD AND
CORD UNIT FORMED BY USING THIS
CORD



ABSTRACT : PURPOSE: To obviate the pistoning of a bare plastic optical fiber and a primary coating material by specifying the content of a vinyl acetate monomer unit as the comonomer of an ethylene/vinyl acetate copolymer contained in a primary coating material.

CONSTITUTION: A resin essentially consisting of polyethylene is used for the primary coating material 2 and the content of the vinyl acetate monomer unit as the comonomer of the ethylene/vinyl acetate copolymer contained in this primary coating material is so specified as to be 0.1 to 10wt.% of the entire part of the primary coating material 2. The hole of a ferrule 3 of such plastic optical fiber cord unit is slightly larger than the outside diameter of the primary coating material 2 so as to allow the passage of the cord kept attached with the primary coating material 2 and the fixing of the fiber to a connector is executed by fastener 4 made of metallic fittings, resins, etc. The pistoning is obviated in this way.

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